

Title (en)  
BENZYLSULFAMIDE SUBSTITUTED ACRYLAMIDE DERIVATIVE

Title (de)  
BENZYLSULFAMIDSUBSTITUIERTES ACRYLAMID-DERIVAT

Title (fr)  
DÉRIVÉ D'ACRYLAMIDE SUBSTITUÉ PAR BENZYL SULFAMIDE

Publication  
**EP 3228614 A4 20180530 (EN)**

Application  
**EP 15865915 A 20151113**

Priority  
• CN 201410728302 A 20141203  
• CN 2015094556 W 20151113

Abstract (en)  
[origin: EP3228614A1] The invention belongs to the field of chemical synthesis, in particular to a toluenesulfonamide substituted acrylamide derivative which has the advantages that (1) the traditional preparation route is adopted, process parameter requirements are not high, the preparation is simple, and only an appropriate reactor is required to be selected; (2) a yield is high, and the refining yield can reach above 80%; and (3) the derivative serves as a monomer for synthesizing a copolymer with a sulfamide substituent, and the synthesized copolymer can serve as a major or additive adhesive for a lithographic plate to improve performances of the lithographic plate, such as chemical resistance, abrasive resistance and development printability of a forme.

IPC 8 full level  
**C07C 303/40** (2006.01); **C07C 311/46** (2006.01); **G03F 7/031** (2006.01)

CPC (source: EP)  
**C07C 303/40** (2013.01); **C07C 311/46** (2013.01); **G03F 7/027** (2013.01)

Citation (search report)  
• [Y] CN 102504137 A 20120620 - LUCKY HUAGUANG GRAPHICS CO LTD  
• [Y] EP 2263874 A1 20101222 - AGFA GRAPHICS NV [BE]  
• [Y] JP S60185754 A 19850921 - MITSUBISHI RAYON CO  
• [E] EP 3236315 A1 20171025 - QINGDAO LANFAN ADVANCED MAT CO LTD [CN]  
• See references of WO 2016086762A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3228614 A1 20171011**; **EP 3228614 A4 20180530**; **EP 3228614 B1 20201111**; CN 104402778 A 20150311; CN 104402778 B 20170405; WO 2016086762 A1 20160609

DOCDB simple family (application)  
**EP 15865915 A 20151113**; CN 201410728302 A 20141203; CN 2015094556 W 20151113